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WHAT IS CLAIMED IS:

1. A pull-on disposable wearing article comprising:

front and rear waist regions opposed to each other and a crotch region extending between said waist regions;

a waist-surrounding upper end margin defined by said front and rear waist regions and extending in a transverse direction;

transversely opposite waist lateral margins defined by said front and rear waist regions and extending in a longitudinal direction so that said waist lateral margins of said front and rear waist regions are connected to form a waist-hole and a pair of leg-holes;

first and second leg-surrounding lateral margins defined by said crotch region and extending in a leg-surrounding direction;

a liquid-absorbent core laid in said front waist region, said rear waist region and said crotch region, or at least in said crotch region;

said crotch region being formed with a pair of first folding guide lines extending from two points on said first leg-surrounding lateral margin placed aside toward said front and rear waist regions, respectively, toward a transverse

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middle of said crotch region and a pair of second folding guide lines extending from two points on said second leg-surrounding lateral margin placed aside toward said front and rear waist regions, respectively, toward said transverse middle of said crotch region so that said crotch region is divided into a first zone enclosed by said first leg-surrounding lateral margin and said first folding guide lines so as to taper toward said transverse middle of said crotch region, a second zone enclosed by said second leg-surrounding lateral margin and said second folding guide lines so as to taper toward said transverse middle of said crotch region and a third zone except said first and second zones;

a first elastic member extending in the leg-surrounding direction across said first zone to said third zone is contractibly attached to the article inside the side edge of said core on the side of said first leg-surrounding lateral margin and a second elastic member extending in the leg-surrounding direction across said second zone to said third zone is contractibly attached to the article inside the side edge of said core on the side of said second leg-surrounding lateral margin; and

said first zone being pulled inward as viewed in the leg-surrounding direction under a contractile force of said

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first elastic member to form a tuck which is convex inwardly of said leg-hole and said second zone is pulled inward as viewed in the leg-surrounding direction under a contractile force of said second elastic member to form a tuck which is convex inwardly of said leg-hole.

2. The wearing article according to Claim 1, wherein said first and second elastic members exhibit a contraction percentage in a range of 25 to 70% on the basis of 100 representing a length of said first and second elastic members having been stretched at a predetermined ratio.

3. The wearing article according to Claim 1, wherein said first and second elastic members exhibit a stretch stress in a range of 0.1 to 3.0 N.

4. The wearing article according to Claim 1, wherein said core has stiffness lower in said first and second zones than in said third zone.

5. The wearing article according to Claim 1, wherein said core is absent in said first and second zones.

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6. The wearing article according to Claim 1, wherein said article comprises a liquid-pervious sheet facing a wearer's body, a liquid-impervious sheet facing away from the wearer's body and said core interposed between these sheets.